



HF Happenings 834

Volume 17, Issue 44, the week of 11 February 2019

You can now download your copy of HF Happenings from www.sarl.org.za/hf_happenings.asp

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

ZS SOTA <https://zssota.wordpress.com>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>

https://en.wikipedia.org/wiki/60-meter_band#External_links



Beaches on the Air

Sidney, ZS5SID will be activating South Beach, Durban (36929) on Sunday 17 February with activity on 40 m SSB. Listen out for him and make a contact.



Have you tried RTTY?

Almost everybody is operating the new-fangled digital modes, here is a chance to operate the original digital mode! The SARL RTTY Contest is open to all radio amateurs in Southern Africa and encourages QSOs using RTTY.

The contest takes place from 14:00 to 17:00 UTC on Sunday 24 February 2019 with activity on 80, 40 and 20 metres. The exchange is an RST report and your grid square (e.g. KF26) and you may work a station once per band.

QSOs with stations in Southern Africa are worth 3 points and QSOs with DX stations are worth 1 point. Your log must be submitted by 4 March to contest@sarl.org.za. The full set of rules can be found on page 34 of the 2019 SARL Blue Book.

Set yourself a goal - Worked all ZS, the 2019 Worked Zone 39 and/or Worked all Grid Squares on RTTY!

The Wednesday 80 M Club Sprint

There is a trophy in the cupboard at the NARC called the SARL 80 m Club Championship trophy that has not been in use for some time. It has been decided to put this trophy back to work. The Wednesday 80 m Club Sprint is a CW and Phone sprint and the scores of individual operators are added together to get the Club score. The Club with the highest score after the five (5) sprints will be awarded the SARL 80 m Club Championship Trophy. Also, to encourage amateurs to achieve

February

11 - International Day for Women and Girls in Science
13 - World Radio Day
14 - Valentine's Day
15 - Closing date for PEARS VHF logs
16 and 17 - ARRL DX CW Contest
18 - Closing date NFD logs; Closing date for AWA CW Activity Day logs
19 - Highway ARC Monthly Meeting
21 - The sinking of the SS Mendi - 05:00 21 February 1917
22 - Closing date for March Radio ZS
23 and 24 - Clarens Craft Beer Festival
23 - West Rand Flea Market
24 - SARL RTTY Contest
27 - International Milk Tart Day
28 - Closing date for SARL Hall of Fame nominations; closing date for AMSAT SA Space Symposium early bird registration

March

1 to 10 - Stellenbosch Wordfees
2 and 3 - ARRL DX Phone Contest
3 - SARL Hamnet 40 m contest; World Wildlife Day
4 - closing date digital logs
6 to 12 - Scifest, Grahamstown
7 to 10 - Hobby-X, Johannesburg
8 - International Women's Day
9 - SARL YL Sprint
9 and 10 - SARL VHF/UHF Analogue contest; 82nd RSGB Commonwealth contest
10 - Cape Town Cycle Race
11 - closing date for HAMNET logs
15 - all provincial schools close
16 - AMSAT SA Space Symposium; closing date for YL Sprint logs
16 to 20 - Wild Trout Festival, Rhodes
19 - Highway ARC Monthly Meeting
20 - the Wednesday 80 m Club Sprint; Autumn Equinox; International Day of Happiness

their Worked All ZS, Worked All Grid Squares and/or 2019 Worked Zone 39 on 80 metres. The Wednesday 80 m Club Sprint will run from 17:00 to 18:00 UTC on the third Wednesday of the month - 20 March; 15 May; 17 July; 18 September and 20 November. The rules will appear in the March 2018 Radio ZS and will be sent to Clubs for their news bulletins.

Is August now Lighthouse month?

WIA news say Kevin VK2CE runs a great web page for the International Lighthouse Lightship Weekend. The weekend is the 3rd full weekend in August. On VK2CE's page we see that for some reason or other August seems to have become the international weekend for lighthouses. Countries all over the world have become involved in one or another of lighthouse activity.

Some years ago, the United States Congress declared 7 August as their National Lighthouse Day and during that first week in August amateur radio operators in America set up portable stations at lighthouses and endeavour to contact each other. This event is known as the US National Lighthouse Week.

In Britain the Association of Lighthouse Keepers, ALK, conducts International Lighthouse Heritage Weekend on the 3rd full weekend in August. Their objective is to encourage Lighthouse managers, keepers and owners to open their lighthouse or light station and related visitors' centres to the public with a view to raising the profile of lighthouses, lightvessels and other navigational aids and preserving their maritime heritage.

However, the major event which takes place in August is the International Lighthouse Lightship Weekend, ILLW, which came into being in 1998 as the Scottish Northern Lights Award run by the Ayr Amateur Radio Group. The ILLW takes place on the 3rd full weekend in August each year and attracts over 500 lighthouse entries located in over 40 countries.

It is one of the most popular international amateur radio events in existence probably because there are very few rules and it is not the usual contest type event. It is also free and there are no prizes for contacting large numbers of other stations. There is little doubt that the month of August has become "Lighthouse Month" due largely to the popularity and growth of the ILLW. <https://illw.net/>

I see two South African lighthouses registered for 2019 – Roman Rock, ZA0027 and Cooper Lighthouse, ZA0004.

WRTC 2022

The Final Qualification Rules to be selected as a WRTC 2022 Team Leader are available on <http://wrtc2022.it/>. "The Selection Areas are much smaller", the organizers say, "so that operators on all continents now have more chances to qualify than ever before. If you do not achieve qualification as a Team Leader, you will have a chance to be selected by a Team Leader as Team Member. Each Team Leader must select a Team Member from the top 10 applicants who did not qualify as a Team Leader".

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award
(www.sarl.org.za/public/awards/awards.asp)



Burundi, 9U. Shabu, MOKRI is going to put Burundi on the air with the callsign 9U4RI between 15 and 25 February on 40 to 10 m using CW, SSB, and PSK31. QSL via MOKRI (direct), LoTW, ClubLog.

The Gambia, C5. Alan, G4DJX is going on a trip to The Gambia together with a group of school pupils from 16 to 23 February. During his spare time, he plans to operate as C5DX on 40 to 10 m CW only. QSL via G4DJX (direct), LoTW.

Ceuta And Melilla, EF9. Jorge, EA9LZ, will be active as EF9Z from Ceuta during the ARRL International DX CW Contest (16 and 17 February) as a Single- Op entry. QSL via LoTW and EA5KB.

Senegal, 6W, SENEGAL (Update). Willy, ON4AVT, will once again be active as 6W7/ON4AVT from Mbour, Senegal, between 20 February and 30 March 2019. Activity will be on 40, 20 and 10 metres using CW, SSB, PSK31 and PSK63. Willy has received the news that the 60 metre band is OK to use from Senegal. It is also possible, he says, that he will give FT8 a try from there. Equipment is a Yaesu FT-891 transceiver into a Buddipole antenna. This time Willy will also take an end-fed for 3 bands (40, 20 and 10 m). QSL via his home call sign.

The Gambia, C5. (In the Works). Don, G3XTT, reported this past week on the BERU Web page (<https://berucontest.wordpress.com/>), "Not finalized yet, but expecting to be on from the Gambia this year. PURA (licensing agency) have agreed my requested callsign C56DF but have yet to actually issue the license. However, they assure me it will happen in good time..." Stay tuned for more details.

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Djibouti, J2. "Plans to activate AF-059 have taken a major twist", the J20DX team announced on 6 February. "Our guide in Djibouti recently passed an urgent message insisting that it was now not safe for Europeans to visit the Khor Angar region". Operating from the rare IOTA group AF-059 is the expedition's primary aim [and Khor Angar is the departure point for the islands, so the team "will now take stock of the situation and decide best way forward". Bookmark <https://j20dx.com/news/> for updates.

Madeira, CT9. Henning, OZ2I will be active as CT9ABR from Porto Moniz, Madeira (AF-014) between 14 and 17 February. He will operate only CW, with main activity during the ARRL DX CW Contest. QSL preferably via LoTW and Club Log's OQRS.



Cape Verde, D4. Philip, HB9HFD will be active again as D44TAQ from Sao Vicente (AF-086), Cape Verde between 17 and 22 February. He will operate FT8 and other digital modes on 40 to 10 metres. QSL via LoTW.

Mauritius, 3B8. Nigel, G3TXF, will once again be active as 3B8XF from Mauritius (AF-049) during the 2019 Commonwealth Contest (BERU) on 9 and 10 March. QSL via G3TXF or ClubLog's OQRS (for both Bureau or direct QSLs). DO NOT SEND QSLs THROUGH THE BUREAU.

Morocco, CN. The website for the DXpedition to Los Farallones (AF-118, new one for IOTA) is up and running at <https://5c9a.com/>. A multi-national team (CN8QY, CN8CE, CN8HDZ, CN8PA, CN8RAH, IK2PZC, IZ7ATN, I8LWL, MM0NDX and maybe one or two more operators) will be active as 5C9A between 25 and 30 July, IOTA Contest included. They hope to have up to three stations active simultaneously at any given time. QSL via I8LWL.

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 4 to 11 February 2019

CQC Winter QSO Party
01:00 - 02:59 UTC 11 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 5 watts
Exchange: RST and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO; Bonus: 5 points per QSO with W0CQC or N0CQC
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 13 March 2019
E-mail logs to: vkumagai@q.com

Mail logs to: (none)
Find rules at:
www.coloradoqrpclub.org/contests/wInternational.htm

4 States QRP Group Second Sunday Sprint
01:00 - 03:00 UTC 11 February
Geographic Focus: North America
Participation: Worldwide
Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op
Exchange: Member: RS(T), state, province or country and member no; Non-member: RS(T), state, province or country and power
Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 13 February 2019
E-mail logs to: (none)
Post log summary at: <http://grpcontest.com/4sqr>
Mail logs to: (none)
Find rules at: www.4sqr.com/SSS/sss_rules.pdf

ARRL School Club Roundup
13:00 UTC 11 February to 23:59 UTC 15 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, Phone, RTTY/Digital
Bands: All, except 60, 30, 17, 12 m
Classes: Single Op (I); Non-School Club (C); School Club/Group (S)
Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes
Exchange: RS(T), Class (I, C or S) and state, province or country
Work stations: Once per mode
QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO
Multipliers: States and VE provinces and DXCC countries and (2 x class C QSOs) and (5 x class S QSOs)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 2 March 2019
Post log summary at: <http://contests.arrl.org/arrlscrcscoresubmission.php>
Mail logs to: School Club Roundup, c/o LIMARC, PO Box 392, Levittown, NY 11756, USA
Find rules at: www.arrl.org/school-club-roundup

NAQCC CW Sprint
01:30 - 03:30 UTC 13 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 5 watts
Exchange: RST, state, province or country and NAQCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: Each state, province, or country once
Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other
Score Calculation: Total score = total QSO points x total mults x key type mult
Submit logs by: 23:59 UTC 16 February 2019

E-mail logs to: naqcc33@windstream.net and/or jcoreyc@gmail.com
Upload log at: http://naqcc.info/sprint_submit_log.html
Mail logs to: (none)
Find rules at: <http://naqcc.info/sprint/sprint201902.html>

QRP Fox Hunt
02:00 - 03:30 UTC, Feb 13
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 40 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 14 February 2019
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at: www.qrpfoxhunt.org/winter_rules.htm

Phone Fray
02:30 - 03:00 UTC, Feb 13
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 15 February 2019
E-mail logs to: (none)
Post log summary at: www.3830scores.com
Mail logs to: (none)
Find rules at: www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 13 February and 03:00 - 04:00 UTC 14 February
Geographic Focus: Worldwide

Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 16 February 2019
Post log summary at: www.3830scores.com
Mail logs to: (none)
Find rules at: <https://cwops.org/cwops-tests/>

RSGB 80 m Club Championship, Data
20:00 - 21:30 UTC 13 February
Geographic Focus: United Kingdom
Participation: Worldwide
Awards: United Kingdom
Mode: RTTY, PSK
Bands: 80 m Only
Classes: (none)
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 23:59 UTC 14 February 2019
Upload log at: www.rsgbcc.org/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at: www.rsgbcc.org/hf/rules/2019/r80mcc.shtml

PODXS 070 Club Valentine Sprint
00:00 - 23:59 UTC 14 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: PSK31
Bands: 160, 80, 40 m
Classes: OM - QRP, LP, MP or HP; YL - QRP, LP, MP or HP
Max operating hours: 6
Max power: HP: 100 watts; MP: 50 watts; LP: 25 watts; QRP: 5 watts
Exchange: Name, OM or YL and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO with OM; 2 points per QSO with YL
Multipliers: Each state, province and DXCC country once only
Score Calculation: Total score = total QSO points x total mults

Submit logs by: 28 February 2019
E-mail logs to: (none)
Upload log at: <http://hamclubs.info/scorer/>
Mail logs to: (none)
Find rules at: www.podxs070.com/o70-club-sponsored-contests/valentine-sprint

NCCC RTTY Sprint
01:45 - 02:15 UTC, Feb 15
Geographic Focus: North America
Participation: Worldwide
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 17 February 2019
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at: <http://www.ncccsprint.com/rttyns.html>

QRP Fox Hunt
02:00 - 03:30 UTC 15 February
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 80 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC February 16, 2019
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at: http://www.grpfoxhunt.org/winter_rules.htm

NCCC Sprint Ladder
02:30 - 03:00 UTC 15 February
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single Op
Max power: 100 watts
Exchange: Serial no, name and QTH
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band;

Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 17 February 2019
E-mail logs to: (none)
Post log summary at: <http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.html>

ARRL International DX CW Contest
00:00 UTC 16 February to 24:00 UTC 17 February
Geographic Focus: United States/Canada
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high;
Single Op Single Band
Single Op Unlimited - low or high; Multi-Single - low or high; Multi-Two; Multi-Multi
Max power: HP: 1500 watts; LP: 150 watts; QRP: 5 watts
Exchange: W/VE: RST and state or province; non-W/VE: RST and power
Work stations: Once per band
QSO Points: 3 points per QSO
Multipliers: W/VE: Each DXCC country once per band; Non-W/VE: Each state, District of Columbia, VE province/territory once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 24 February 2019
E-mail logs to: (none)
Upload log at: <http://contest-log-submission.arrl.org>
Mail logs to: ARRL International DX Contest, CW, ARRL, 225 Main St., Newington, CT 06111, USA
Find rules at: <http://www.arrl.org/arrl-dx>

Russian PSK WW Contest
12:00 UTC 16 February to 11:59 UTC 17 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: BPSK31, BPSK63, BPSK125
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band
Max power: 100 watts
Exchange: RU: RST and 2-letter oblast; non-RU: RST and serial no
QSO Points: 1 point per QSO with same country on 20, 15 and 10 m; 3 points per QSO with different country same continent on 20, 15 and 10 m; 5 points per QSO with different continent on 20, 15 and 10 m; 2 point per QSO with same country on

160, 80 and 40 m; 6 points per QSO with different country same continent on 160, 80 and 40 m; 10 points per QSO with different continent on 160, 80 and 40 m
Multipliers: Each country once per band
Each oblast once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 22 February 2019
E-mail logs to: rusww@rdrclub.ru
Upload log at:
http://ua9qcq.com/en/submit_log.php?lang=en
Mail logs to: (none)
Find rules at: <http://www.rdrclub.ru/russian-ww-psk-contest/49-rus-ww-psk-rules>

Feld Hell Sprint
19:00 - 20:59 UTC 16 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: Feld Hell
Bands: 160, 80, 40, 20, 15, 10 m
Classes: (none)
Max power: Standard: 100 watts; QRP: 5 watts
Exchange: (see rules)
Work stations: Once per band
QSO Points: (see rules)
Bonus Points: (see rules)
Multipliers: (see rules)
Score Calculation: (see rules)
Submit logs by: February 20, 2019
Upload log at:
<https://sites.google.com/site/feldhellclub/>
Mail logs to: (none)
Find rules at:
<https://sites.google.com/site/feldhellclub/Home/contests/sprints/bingo-sprint>

AWA Amplitude Modulation QSO Party
23:00 UTC 16 February to 23:00 UTC 17 February
Geographic Focus: United States
Participation: Worldwide
Mode: AM
Bands: 160, 80, 40, 20 m
Classes: (none)
Exchange: Name and state, province or country
Work stations: Once per band
QSO Points: Power>100 W: 1 point per QSO; Power<=100 W: 2 points per QSO; 5 points per QSO on 20 m; 10 points for first QSO with W2AN or W1HRX
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 9 March 2019
E-mail logs to: AB2RA@htva.net
Mail logs to: AB2RA Janis Carson, 61 Rothermich Rd., Ithaca, NY 14850-9323, USA

Find rules at:

<http://www.antiquewireless.org/event-details-for-am-qso-party.html>

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 18 February

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once;

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 February 2019

E-mail logs to: (none)

Upload log at:

<http://qrptest.com/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://qrptest.com/pigrun/>

Next Week's Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 20 February

Phone Fray, 02:30 - 03:00 UTC 20 February

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 20 February and 03:00 - 04:00 UTC 21 February

AGCW Semi-Automatic Key Evening, 19:00 - 20:30 UTC 21 February

NCCC RTTY Sprint, 01:45 - 02:15 UTC 22 February

QRP Fox Hunt, 02:00 - 03:30 UTC 22 February

NCCC Sprint Ladder, 02:30 - 03:00 UTC 22 February

CQ 160-Meter SSB Contest, 22:00 UTC 22 February to 22:00 UTC 24 February

REF SSB Contest, 06:00 UTC 23 February to 18:00 UTC 24 February

UBA DX CW Contest, 13:00 UTC 23 February to 13:00 UTC 24 February

South Carolina QSO Party, 15:00 UTC 23 February to 01:59 UTC 24 February

North American RTTY QSO Party, 18:00 UTC 23 February to 05:59 UTC 24 February

NA Collegiate RTTY Championship, 18:00 UTC 23 February to 05:59 UTC 24 February

High Speed Club CW Contest, 09:00 - 11:00 UTC and 15:00 - 17:00 UTC 24 February

SARL Digital Contest, 14:00 - 17:00 UTC 24 February

Classic Exchange, Phone, 14:00 UTC 24 February to 08:00 UTC 25 February and 14:00 UTC 26 February to 08:00 UTC 27 February

North Carolina QSO Party, 15:00 UTC 24 February to 00:59 UTC 25 February

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX